

=====

Sequence Listing was accepted.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: [year=2010; month=2; day=2; hr=8; min=53; sec=14; ms=746;]

=====

Application No: 10550226 Version No: 4.0

Input Set:

Output Set:

Started: 2010-01-19 15:21:40.074
Finished: 2010-01-19 15:21:44.294
Elapsed: 0 hr(s) 0 min(s) 4 sec(s) 220 ms
Total Warnings: 12
Total Errors: 2
No. of SeqIDs Defined: 13
Actual SeqID Count: 13

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (2)
W 213	Artificial or Unknown found in <213> in SEQ ID (3)
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (4)
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (6)
W 213	Artificial or Unknown found in <213> in SEQ ID (7)
W 213	Artificial or Unknown found in <213> in SEQ ID (8)
W 213	Artificial or Unknown found in <213> in SEQ ID (9)
W 213	Artificial or Unknown found in <213> in SEQ ID (10)
W 402	Undefined organism found in <213> in SEQ ID (11)
W 213	Artificial or Unknown found in <213> in SEQ ID (12)
W 213	Artificial or Unknown found in <213> in SEQ ID (13)

SEQUENCE LISTING

<110> SAHIN, ERINC
TARALP, ALPAY
SAYERS, SEHRA

<120> CIRCULAR RECOMBINANT PLASMID DNA CONSTRUCTS AND THEIR PROTEIN
PRODUCTS, METHODS OF PREPARATION AND IMMOBILISATION OF PROTEINS
ON SUPPORT

<130> U015936-2

<140> 10550226
<141> 2006-11-22

<150> PCT/TR2003/000019
<151> 2003-03-20

<160> 13

<170> PatentIn version 3.3

<210> 1
<211> 733
<212> DNA
<213> Aequorea victoria

<220>
<221> gene
<222> (17)..(733)
<223> GFP gene

<400> 1
ggtaccggta gaaaaaatga gtaaaggaga agaactttc actggagttg tcccaattct 60
tgttgaatta gatggtgatg ttaatggca caaattttct gtcagtggag agggtaagg 120
tgatgcaaca tacggaaaac ttacccttaa atttatttgc actactggaa aactacctgt 180
tccatggcca acacttgtca ctactttctc ttatggtgtt caatgctttt cccgttatcc 240
ggatcatatg aaacggcatg acttttcaa gagtgccatg cccgaaggat atgtacagga 300
acgcactata tcttcaaag atgacggaa ctacaagacg cgtgctgaag tcaagttga 360
aggtgataacc ctgttaatc gtatcgagtaaaaggatt gatttaaag aagatggaaa 420
cattctcgga cacaactcg agtacaacta taactcacac aatgtataca tcacggcaga 480
caaacaaaag aatggaatca aagctaactt caaaattcgc cacaacattg aagatggatc 540
cggtcaacta gcagaccatt atcaacaaa tactccaatt ggcgtatggcc ctgtccttt 600
accagacaac cattacctgt cgacacaatc tgcccttcg aaagatccca acgaaaagcg 660

tgaccacatg gtccttcttg agtttgtaac tgctgctggg attacacatg gcatggatga 720
gctctacaaa taa 733

<210> 2
<211> 6029
<212> DNA
<213> Artificial sequence

<220>
<223> Empty PETM-11 plasmid

<220>
<221> misc_feature
<222> (1)..(6029)
<223> Empty PETM-11 plasmid

<400> 2
atccggatat agttcttcct ttcagcaaaa aaccctcaa gaccgttta gaggcccaa 60
ggggttatgc tagttattgc tcagcggtgg cagcagccaa ctcagcttcc tttcgggctt 120
tgttagcagc cggatctcag tggtggtgg ggtgggtgctc gagtgccggcc gcaagcttgt 180
cgacggagct cgaattcggaa tccggtagcca ctatggtagag accaagacac gccttgcgtac 240
tgtcctgcag ctttattctc ttgatgctgg tgctggaata gccctcatca ctggcgaggc 300
tctgcattgt gccccgctcg tcagagtcgc tcacactgtc gctgctccag tccagatcac 360
ctgtgagata gtccgtgctc tccacgtcaa cgtcgatttc ttccctgtcg gagtcggagc 420
gctccgagga gacggtgag ccgatgctgt ccatccggat cctctcaatg cccagcttct 480
ccagctgcct cttcaggtgt cgctgtctc gctgaagctg gtcgatttgg tgaacggctt 540
ttctgtcaca atcttcaagt ttctttatgt gcaatttggc ttttgttaat aaactcaacg 600
tagtgtgtcg acttgattcg ggtcccagtg gcaccagccc cttcaacttc tccaggcaca 660
agcgaagatg agcccgctca ttcttctcca tttcattgtg agttgatctg ctactgtgt 720
tattctttt ggatttgttc ctccgtttta aggcatctct gtcctgttt ttgtatggta 780
acatggagggc ataaccatgt tcagttctc tctcccgccg ctccagatag tcggccgcct 840
ccagcagcat ctggatgttc atccgaaccg ccggcccat ggcgcctga aaataaaagat 900
tctcagtagt gggatgtcg taatcgctca tggggatgtg gtatggtga tgtttcatgg 960
tataatctcct tcttaaagtt aaatcaaaaat tatttctaga gggaaattgt tatccgtca 1020
caattccct atagtggatgc gtatataattt cgcggatcg agatctcgat cctctacgccc 1080
ggacgcacatcg tggccggcat caccggcgcc acaggtgcgg ttgctggcgc cttatcgcc 1140

gacatcacccg atggggaga tcgggctcg cacttcgggc tcatgagcgc ttgttccgc 1200
gtgggtatgg tggcaggccc cgtggccggg ggactgttg ggcgcatttc cttgcattca 1260
ccattccttg cggcggcggt gctcaacggc ctcaacccatc tactgggctg cttccataatg 1320
caggagtcgc ataaggaga gcgtcgagat cccggacacc atcgaatggc gcaaaacctt 1380
tcgcggatcg gcatgatagc gcccggaga gagtcaattc agggtggtga atgtgaaacc 1440
agtaacgtta tacatgtcg cagagtatgc cggtgtctct tattcagaccc tttcccgct 1500
ggtaaccaggccagccacg tttctgcgaa aacgcggaa aaagtggaaag cggcgatggc 1560
ggagctgaat tacattccca accgcgtggc acaacaactg gcgggcaaaac agtcgttgct 1620
gattggcggtt gcaacctcca gtctggccct gcacgcggc tcgcaatttgc tgcggcgat 1680
taaatctcgcccgatcaac tgggtgccag cgtggtggtt tcgatggtag aacgaagcgg 1740
cgtcgaagcc tgtaaagcgg cggtgcacaa tcttctcgcc caacgcgtca gtggctgtat 1800
cattaactat ccgcgtggatg accaggatgc cattgcgttgc gaagctgcct gcactaatgt 1860
tccggcggtt tttcttgatg tctctgacca gacacccatc aacagtattttttctccca 1920
tgaagacggt acgcgactgg gcgtggagca tctggtcgca ttgggtcacc agcaaatcgc 1980
gctgttagcg ggcccatcaa gttctgtctc ggccgtctg cgtctggctg gctggcataaa 2040
atatctcaact cgcaatcaaa ttcagccat agcggAACGG gaaggcgact ggagtgcct 2100
gtccgggtttt caacaaacca tgcaaattgtt gaatgagggc atcgatccca ctgcgtatgt 2160
ggttgccaac gatcagatgg cgctggcgca aatgcgcgcattaccgagt ccgggctgcg 2220
cgttggtgccg gatatctcggt tagtggata cgacgataacc gaagacagct catgttatat 2280
cccgccgttaccaccatca aacaggattt tcgcctgttgc gggcaaaacca gcgtggaccg 2340
cttgctgcaactctctcagg gccaggcggtt gaaggcaat cagctgttgc ccgtctcaact 2400
ggtgaaaaga aaaaccaccc tggcgccaa tacgcaaaacc gcctctcccc gcgcgttggc 2460
cgattcatta atgcagctgg cacgacaggt ttcccgactg gaaagcgggc agtgagcgc 2520
acgcaattaa tgtaagtttgcactcattt aggacccggg atctcgaccg atgccttgc 2580
gagccttcaa cccagtcagc tccttcgggtt gggcgccggg catgactatc gtcggccgac 2640
ttatgactgt ctctttatc atgcactcg taggacaggtt gccggcagcgc ctctgggtca 2700
ttttcgccgaa ggaccgctttt cgctggagcg cgacgatgtat cggcctgtcg cttgcggat 2760
tcggaatctt gcacgcccctc gctcaaggct tcgtactgg tcccggccacc aaacgtttcg 2820

gcgagaagca ggccattatac gccggcatgg cggccccacg ggtgcgcatg atcgtgtcc 2880
tgtcggttag gacccggcta ggctggcgaa gttgccttac tggtagcag aatgaatcac 2940
cgatacgcga gcgaacgtga agcgactgct gctgcaaaac gtcgcgacc tgagcaacaa 3000
catgaatggt cttcggttgc cgtgtttcgtaa aagtctgga aacgcgaaag tcagcgccct 3060
gcaccattat gttccggatc tgcattcgac gatgctgctg gctaccctgt ggaacaccta 3120
catctgtatt aacgaagcgc tggcatttgc cctgagtgtat ttttctctgg tcccgccgca 3180
tccataccgc cagttgttta ccctcacaac gttccagtaa ccgggcatgt tcattatcag 3240
taacccgtat cgtgagcatc ctctctcgat tcattatcgat cattacccca atgaacagaa 3300
atccccctta cacggaggca tcagtgcacca aacagaaaaa aaccgcctt aacatggccc 3360
gctttatcag aagccagaca ttaacgcattc tggagaaact caacgagctg gacgcggatg 3420
aacaggcaga catctgtgaa tcgcattcagc accacgctga tggatgttac cgcaatgc 3480
tcgcgcgtt cggatgatgac ggtgaaaacc tctgacacat gcaatcccg gagacggatca 3540
cagcttgtct gtaagcgat gcccggagca gacaagcccg tcagggcgcc tcagcggttg 3600
ttggcgggtt tcggggcgca gccatgaccc agtcacgtat cgtatgcgaa gtgtataactg 3660
gcttaactat gcggcatcag agcagattgt actgagatgt caccatatac gcggtgtgaa 3720
ataccgcaca gatgcgtaaag gaaaaatac cgcattcaggc gctctccgc ttccctcgatc 3780
actgactcgc tgcgtcggt cgttcggctg cggcgagccg tatcagctca ctcaaaaggcg 3840
gtaatacggt tatccacaga atcaggggat aacgcaggaa agaacatgtg agcaaaaggc 3900
cagcaaaagg ccaggaaccg taaaaaggcc gcgttgctgg cgttttcca taggctccgc 3960
ccccctgacg agcatcacaat aaatcgacgc tcaagtgcata ggtggcgaaa cccgacagga 4020
ctataaaagat accaggcgat tccccctggaa agctccctcg tgcgtctcc tggcccgacc 4080
ctgcccgttta ccggataacct gtccgccttt ctccctcgat gaaatgcgtggc gctttctcat 4140
agctcacgat gtaggtatct cagttcggtg taggtcgatc gctccaaatc gggctgtgtg 4200
cacgaacccc ccgttcagcc cggatcgatc gccttacccg gtaactatcg tcttgcgtcc 4260
aaccggtaa gacacgactt atcgccactg gcagcagccat ctggtaacag gattagcaga 4320
gcgaggatg taggcggatgc tacagatgc ttgaatggat ggcctaacta cggctacact 4380
agaaggacatg tattttgtat ctgcgtctg ctgaaggccat ttacccctgg aaaaagatgt 4440
ggtagctttt gatccggcaa acaaaccacc gctggtagcg gtggttttt tggggcaag 4500
cagcagatata cgcgcagaaa aaaaggatct caagaagatc ctttgcgtttt ttctacgggg 4560

tctgacgctc agtggAACGA aaactcacgt taaggGATTt tggTCATgaa caataaaACT	4620
gtctgcttac ataaACAGTA atacaAGGGG tgTTatGAGC catATTcaAC gggAAACGTC	4680
ttgctctagg ccgcGATTAA attCCAACAT ggATgCTGAT ttATATGGGT atAAATGGC	4740
tcgcgataat gtcggGAAAT caggTgcGAC aatCTATCgA ttgtatGGGA agcccGATGc	4800
gccagAGTTG tttctgAAAC atggcaAAAGG tagcgttgCC aatgatgttA cagatgAGAT	4860
ggTCAGACTA aactggCTGA CGGAATTAT gcctCTTCCG accATCAAGC atTTTATCCG	4920
tactcCTGAT gatGcatGGT tactcACcAC tgcGATCCCC gggAAAACAG cATTCCAGGT	4980
attagaAGAA tATCCTGATT caggTgAAAATTtGAT gCgCTGGCAG tGTTCTGCG	5040
ccggTTGcat tcgattCCTG tttGtaATTG tcCTTTAAC agcGATCGCg tATTCGtCT	5100
cgCTcAGGCG caATCACGAA tGAATAACGG tttggTTGAT gCgAGTgATT ttGATGACGA	5160
gcgtaatGGC tggcCTGTTG aacaAGTCTG gaaAGAAATG cataAAACTtT tgCCATTCTC	5220
accggATTCA gTCGTcACTC atGGTgATTt CTcACTGAT AACCTTATTt ttGACGAGGG	5280
gaaATTAATA ggttGATTG atGTTGGACG agTCGGAATC gCAGACCGAT ACCAGGATCT	5340
tgccatCCTA tggAACTGCC tcggTgAGtT ttCTCCTtCA ttACAGAAAC ggCTTTtCA	5400
aaaATATGGT attGATAATC ctGATATGAA taaATTGcAG tttcATTGtA tgCTCGATGA	5460
gttttCTAA gaATTAATTc atGAGCggAT acATATTGtA atGTATTAG AAAAATAAAAC	5520
aaATAGGGGT tccgcgcaca tttccccGAA aAGTGCcAcc tGAAATTGtA aACGTTAATA	5580
ttttGTTAAA attcgcgttA aATTTTGTt aaATcAGCTC atTTTTAAC caATAGGCCG	5640
aaATCggCAA aATCCCTtAT aaATCAAAGG aATAGACCGA gATAGGGTTG agTGTtGtC	5700
cAGTTGGAA caAGAGTCCA CTATTAAGA acGTggACTC caACGTCAA gggcgaaaaAA	5760
ccgtCTATCA gggcgATGGC ccACTACGTG aaccATCACC ctaATCAAGT ttttGGGtT	5820
cgaggTgCCG taaAGCActA aATCGGAACC ctaAAGGGAG cccccGATTt agAGCTTGAC	5880
ggggAAAGCC ggcgaACGTG gCgAGAAAGG aAGGGAAGAA aGCGAAAGGA gCggggCgCTA	5940
gggcgCTGGC aAGTGTAGCG gTCACGCTGc gCgtaACCAC cacACCCGCC gCgCTTAATG	6000
cggcgctaca gggcgCgtCC cATTcGcCA	6029

<210> 3
<211> 5369
<212> DNA
<213> Artificial sequence

<220>

<223> Intermediate pETM-adp plasmid, on way to pETM-GFP-Imm construct

<400> 3

catcaccatc accatcaccc catgagcgat tacgacatcc ccactactga gaatcttat	60
tttcagggcg ccatgggagg cacggtaccc gatccgaaatt cgagctccgt cgacaagctt	120
gcggccgcac tcgagcacca ccaccaccac cactgagatc cggtcgctaa caaagccga	180
aaggaagctg agttggctgc tgccaccgct gagcaataac tagcataacc cttggggcc	240
tctaaacggg tcttgagggg tttttgctg aaaggaggaa ctatatccgg attggcgaat	300
gggacgcgcc ctgttagcgcc gcattaagcg cggcggtgt ggtggttacg cgacgcgtga	360
ccgctacact tgccagcgcc ctgcgcggc ctccttcgc tttttccct tcctttctcg	420
ccacgttcgc cggcttccc cgtcaagctc taaatcgaaa gctccctta gggttccgat	480
ttagtgctt acggcacctc gaccccaaaa aacttgatta gggtgatggt tcacgttagt	540
ggccatcgcc ctgatagacg gttttcgcc cttgacgtt ggagtccacg ttctttaata	600
gtggactctt gttccaaact ggaacaacac tcaaccctat ctcggctat tctttgatt	660
tataagggat tttgccgatt tcggcctatt ggtaaaaaaaaa tgagctgatt taacaaaaat	720
ttaacgcgaa ttttaacaaa atattaacgt ttacaatttc aggtggact tttcgaaaaaa	780
atgtgcgcgg aaccctatt tgtttattt tctaaataca ttcaaataatg tatccgctca	840
tgaattaatt ctttagaaaaa ctcatcgagc atcaaatgaa actgcaattt attcatatca	900
ggattatcaa taccatattt ttgaaaaagc cgtttctgta atgaaggaga aaactcaccg	960
aggcagttcc ataggatggc aagatcctgg tatcggtctg cgattccgac tcgtccaaca	1020
tcaatacaac ctattaattt cccctcgtca aaaataaggt tatcaagtga gaaatcacca	1080
tgagtgacga ctgaatccgg tgagaatggc aaaagttat gcatttctt ccagacttgt	1140
tcaacaggcc agccattacg ctcgtcatca aaatcactcg catcaaccaa accgttattc	1200
attcggtatt ggcgcgtggc gagacgaaat acgcatcgatcg tggtaaaagg acaattacaa	1260
acaggaatcg aatgcaacccg ggcgcaggaaac actgcccacg catcaacaat atttcacct	1320
gaatcaggat attcttctaa tacctggat gctgtttcc cggggatcgc agtggtgagt	1380
aaccatgcacat catcaggagt acggataaaa tgcttgatgg tcggaagagg cataaattcc	1440
gtcagccagt ttagtctgac catctcatct gtaacatcat tggcaacgct acctttgcca	1500
tgtttcagaa acaactctgg cgcattcgcc ttccataca atcgatagat tgcgcaccc	1560
gattgccccga cattatcgcc agcccatatca taccatata aatcagcatc catgttgaa	1620

ttaatcgcg gcctagagca agacgttcc cggtgaatat ggctcataac accccttgc 1680
ttaactgttta tgtaaggcaga cagttttattt gttcatgacc aaaatccctt aacgtgagtt 1740
ttcggttccac tgagcgtagc accccgtaga aaagatcaaa ggatcttctt gagatccctt 1800
ttttctgcgc gtaatctgct gcttgcaaac aaaaaaacc aaccgttccag cggtggttt 1860
tttgcggat caagagctac caactcttt tccgaaggta actggcttca gcagagcgca 1920
gataccaaat actgtccttc tagttagcc gtagtttaggc caccacttca agaactctgt 1980
agcaccgcct acataacctcg ctctgctaat cctgttacca gtggctgctg ccagtggcga 2040
taagtcgtgt cttaccgggt tggactcaag acgatagttt ccggataagg cgccgggtc 2100
gggctgaacg gggggttcgt gcacacagcc cagcttggag cgaacgaccc acaccgaact 2160
gagataccta cagcgtgagc tatgagaaag cgcacgctt cccgaaggaa gaaaggcgga 2220
caggtatccg gtaagcggca gggtcggaac aggagagcgc acgagggagc ttccaggggg 2280
aaacgcctgg tatcttata gtcctgtcgg gttcgccac ctctgacttg agcgtcgatt 2340
tttgcgtatgc tcgtcagggg ggcggagcct atggaaaaac gccagcaacg cggcctttt 2400
acggttcctg gcctttgct ggcctttgc tcacatgttcc ttctgtcgat tatcccctga 2460
ttctgtggat aaccgttata cgcctttga gtgagctgat accgctcgcc gcagccgaac 2520
gaccgagcgc agcgagtcag tgagcgagga agcgaaagag cgcctgtatgc ggtatccct 2580
cttacgcat ctgtcggtt tttcacaccc catatatggt gcactctcag tacaatctgc 2640
tctgatgccc catagttaaag ccagtataca ctccgctatc gctacgtgac tgggtcatgg 2700
ctgcggcccg acacccgcca acacccgctg acgcgcctg acgggcttgc ctgctcccg 2760
catccgctta cagacaagct gtgaccgtct ccgggagctg catgtgtcag aggtttcac 2820
cgtcatcacc gaaacgcgcg aggcaagtcg ggtaaagctc atcagcgtgg tcgtgaagcg 2880
attcacagat gtctgcctgt tcatccgctg ccagctcgat gagtttctcc agaagcgat 2940
atgtctggct tctgataaag cggggccatgt taagggcggt ttttcctgt ttgggtcactg 3000
atgcctccgt gtaaggggaa ttctgttca tggggtaat gataccgatg aaacgagaga 3060
ggatgctcac gatacgggtt actgatgatg aacatgccc gttactggaa cgttgcgagg 3120
gtaaacaact ggcggatgg atgcggcggtt accagagaaaa aatcactcag ggtcaatgcc 3180
agcgcttcgt taatacagat gttaggtttc cacaggtagt ccagcagcat cctgcgtatgc 3240
agatccggaa cataatggtg cagggcgctg acttccgcgt ttccagactt tacgaaacac 3300

gaaaaaccgaa gaccattcat gttgttgctc aggtcgaga cgttttgcag cagcagtcgc 3360
ttcacgttcg ctcgcgtatc ggtgattcat tctgctaacc agtaaggcaa ccccgccagc 3420
ctagccgggt cctcaacgac aggagcacga tcatgcgcac ccgtggggcc gccatgcgg 3480
cgataatggc ctgcttctcg ccgaaacgtt tggtggggg accagtgacg aaggctttag 3540
cgagggcgtg caagattccg aataccgaa gcgcacaggcc gatcatcgac ggcgtccagc 3600
gaaagcggtc ctcgcgaaa atgacccaga gcgcgtccgg cacctgtctt acgagttgca 3660
tgataaaagaa gacagtata agtgcggcga cgatagtcat gccccgcgc caccggaaagg 3720
agctgactgg gttgaaggct ctcaggcgtt tcggtcgaga tcccggtgcc taatgagtga 3780
gctaacttac attaattgcg ttgcgtcac tgcccgctt ccagtcggga aacctgtcgt 3840
gccagctgca ttaatgaatc ggccaacgcg cggggagagg cggtttgcgt attggcgcc 3900
agggtggttt ttctttcac cagtgagacg ggcaacagct gattgcctt caccgcctgg 3960
ccctgagaga gttgcagcaa gcggtccacg ctgggttgcc ccagcaggcg aaaatcctgt 4020
ttgatgggg ttaacggcggtt gatataacat gagctgtctt cggatcgac gtatcccact 4080
accgagatata ccgcaccaac gcgcagcccg gactcggtaa tggcgccat tgcgcccagc 4140
gccatctgat cggtggcaac cagcatcgca gtgggaacga tgccctcatt cagcattgc 4200
atggtttggttt gaaaaccgaa catggcactc cagtcgcctt cccgttccgc tatcggtga 4260
atttgattgc gagtgagata tttatgccag ccagccagac gcagacgcgc cgagacagaa 4320
cttaatgggc ccgctaacag cgcgatttgc tggtgaccca atgcgaccag atgctccacg 4380
cccagtcgcg taccgtcttc atgggagaaa ataatactgt tggatgggtgt ctggtcagag 4440
acatcaagaa ataacgcccgg aacatttagtg caggcagctt ccacagcaat ggcattctgg 4500
tcatccagcg gatagttat gatcagccca ctgacgcgtt gcgcgagaag attgtgcacc 4560
ggcgctttac aggcttcgac gcccgttcgt tctaccatcg acaccaccac gctggcaccc 4620
agttgatcggtt cgcgagattt aatcgcccg acaatttgcg acggcgcggtg cagggccaga 4680
ctggaggtgg caacgcaat cagcaacgac tgggtggcccg ccagttgttg tgccacgcgg 4740
ttggaaatgt aattcagctc cgcattcgcc gcttccactt tttcccgctt tttcgcaagaa 4800
acgtggctgg cctggttcac cacgcgggaa acggctgtat aagagacacc ggcataact 4860
gcgcacatcgat ataacgttac tgggttcaca ttcaccaccc tgaattgact ctcttcggg 4920
cgctatcatg ccatacccgaa aaagggttttgcg cgcattcgaa tgggtgtccgg gatctcgacg 4980
ctctccctta tgcgactctt gcattaggaa gcagcccaat agtaggttga ggccgttgag 5040

caccggccccc	gcaaggaatg	gtgcatgcaa	ggagatggcg	cccaacagt	c	ccccggccac	5100
ggggcctgcc	accataccca	cggcgaaaca	agcgctcatg	agcccgaagt	ggcgagcccg	5160	
atcttccccca	tcggtgatgt	cggcgatata	ggcgccagca	accgcacctg	tggcgccgg	5220	
gatgccggcc	acgatgcgtc	cggcgtagag	gatcgagatc	tcgatcccgc	gaaattaata	5280	
cgactcacta	tagggaaatt	gtgagcggat	aacaattccc	ctctagaaat	aattttgatt	5340	
taactttaag	aaggagat	accatgaaa				5369	
<210>	4						
<211>	3337						
<212>	DNA						
<213>	Artificial sequence						
<220>							
<221>	CDS						
<222>	(286)..(1014)						
<223>	pGFPuv plasmid coding for GFP from Aequorea victoria						
<400>	4						
agcgcccaat	acgcaaaccg	cctctccccg	cgcgttggcc	gattcattaa	tgcagctggc	60	
acgacaggtt	tcccgactgg	aaagcgggca	gtgagcgcaa	cgcattaaat	gtgagtttagc	120	
tcactcatta	ggcaccccaag	gtttacact	ttatgcttcc	ggctcgatg	ttgtgtggaa	180	
ttgtgagcgg	ataacaattt	cacacaggaa	acagctatga	ccatgattac	gccaaagcttg	240	
catgcctgca	ggtcgactct	agaggatccc	cgggtaccgg	tagaa	aaa atg agt	297	
					Lys Met Ser Lys		
				1			
gga	gaa	ctt	ttc	act	gga	345	
Gly	Glu						
Glu	Glu	Leu	Phe	Thr	Gly		
5							
		10			15		
					20		
ggt	gat	aat	ggg	cac	aaa	393	
Gly	Asp	Val	Asn	Gly	His		
25					30		
						35	
gat	gca	aca	tac	gga	aaa	441	
Asp	Ala	Thr	Tyr	Gly	Lys		
40					45		
						50	
aaa	cta	cct	gtt	cca	tgg		